

## D2.2

### Model for Skills Intelligence Skills Mapping

# Occupations in the Smart grid workforce

Occupation:	<u>Electrical engineer</u>	EQF Level:	6	ULOS (Units of Learning Outcomes)		
Tasks and responsibilities:		Level of competence:	Knowledge	Skills	Attitude	
(a) The electrical engineer <b>advises</b> on and <b>designs</b> power stations and systems which generate, transmit, <b>store</b> and distribute electrical power.		5	The electrical engineer <b>specifies system designs</b> for power stations that generate, transmit, store, and distribute electrical power under energy efficiency and reliability conditions.	The electrical engineer <b>designs power stations and systems</b> to support electrical power generation, transmission, storage, and distribution under operational and regulatory requirements.	The electrical engineer <b>proposes solutions</b> to optimize electrical power generation, transmission, storage and distribution.	
(b) The electrical engineer supervises, controls, and monitors the operation of electrical generation, transmission, <b>energy storage</b> and distribution systems.		3	The electrical engineer <b>identifies and analyses the operation parameters</b> of electrical generation, transmission, energy storage, and distribution systems under standard and dynamic conditions.	The electrical engineer <b>supervises the operation</b> of electrical generation, transmission, storage, and distribution systems in real-time operational environments.	The electrical engineer <b>demonstrates commitment</b> to safe and effective operation of Smart Grid electrical systems under varying conditions.	
(c) The electrical engineer design and <b>adjusts</b> systems for electrical motors, <b>propulsion units, drive trains, converters</b> , and other related equipment, including various <b>control systems for industrial distribution</b> .		3	The electrical engineer <b>specifies system configurations</b> for electrical motors, propulsion units, drive trains, converters, and industrial control systems in energy distribution settings.	The electrical engineer <b>configures and adjusts</b> electrical equipment systems such as motors, drive trains, and converters for functional and industrial performance.	The electrical engineer <b>advises on integrated solutions</b> for the adaptation and optimisation of electrical and control systems in industrial distribution.	
(d) The electrical engineer specifies electrical installations and applications in industrial facilities, <b>commercial enterprises, SMEs</b> and other buildings and structures (objects).		3	The electrical engineer <b>analyses and specifies electrical installation requirements</b> for various industrial and commercial buildings and structures under relevant codes and regulations.	The electrical engineer <b>sketches installation plans</b> for electrical systems in industrial facilities, SMEs, and commercial enterprises.	The electrical engineer <b>respects safety and efficiency principles</b> when defining electrical applications in diverse building structures.	
(e) The electrical engineer <b>applies</b> control standards and procedures to monitor performance and safety of electrical generating and distribution systems, motors, and equipment.		4	The electrical engineer <b>specifies control standards and procedures</b> to monitor performance and safety of electrical generating and distribution systems, motors, and equipment.	The electrical engineer <b>assesses system performance and safety</b> using established control standards and procedures in electrical environments.	The electrical engineer <b>explains safety implications</b> of control procedures applied to electrical systems and equipment.	
f) The electrical engineer <b>identifies</b> repetitive or rule-based tasks suitable for <b>automation</b> , while retaining human oversight for high-complexity decisions and adaptive control.		3	The electrical engineer <b>differentiates automation-suitable tasks</b> from high-complexity decisions within Smart Grid systems.	The electrical engineer <b>guides automation implementation</b> for repetitive or rule-based electrical engineering tasks, ensuring human oversight remains.	The electrical engineer <b>accepts human responsibility</b> in adaptive control while promoting responsible task automation.	
b) The electrical engineer <b>integrates</b> automation in grid systems for traditional tasks such as network calculations, real-time monitoring, and system diagnostics, improving efficiency and response time.		4	The electrical engineer <b>evaluates automation integration strategies</b> for network calculations, real-time monitoring, and diagnostics in Smart Grid systems.	The electrical engineer <b>adapts traditional grid tasks</b> for automation to improve efficiency and response time under dynamic conditions.	The electrical engineer <b>combines automation solutions</b> with existing operational routines to enhance Smart Grid task execution.	
g) The electrical engineer <b>applies</b> analytics to perform predictive maintenance, detect anomalies in infrastructure, and ensure proactive intervention before system failures occur.		2	The electrical engineer <b>monitors analytics</b> in the context of predictive maintenance, anomaly detection in infrastructure, and proactive interventions.	The electrical engineer <b>implements analytics</b> for predictive maintenance and anomaly detection to ensure proactive system intervention before failures occur.	The electrical engineer <b>initiates proactive intervention</b> to prevent Smart Grid system failures by recognising and acting on anomalies.	

h) The electrical engineer <b>applies</b> data science principles ( <b>EMS; Energy Management System</b> ) to monitor, interpret, and optimize energy flows within Smart Grids <b>deployed in homes, neighbourhoods, and through internet-connected systems</b> , ensuring intelligent and data-driven operational strategies.	2	The electrical engineer <b>applies data science principles</b> in EMS to optimise energy flows in Smart Grids within connected home and neighbourhood systems.	The electrical engineer <b>runs EMS tools</b> to monitor and optimize energy flows in Smart Grids across residential and connected environments.	The electrical engineer <b>assists</b> the use of EMS strategies for energy flow optimisation within Smart Grids with a thoughtful and reliable attitude.
i) The electrical engineer <b>applies and uses</b> analytical models, <b>including temperature profiles</b> to forecast energy demand, detect anomalies in usage patterns, and support real-time decision-making under dynamic grid conditions.	3	The electrical engineer <b>examines analytical models and temperature profiles</b> to forecast energy demand and detect anomalies in usage patterns under grid dynamics.	The electrical engineer <b>conducts real-time forecasting</b> using analytical models and thermal profiles for decision-making under dynamic Smart Grid conditions.	The electrical engineer <b>justifies modelling decisions</b> made to support real-time operational insight in evolving energy systems.
j) The electrical engineer <b>supervises</b> robotic and automated systems used in <b>construction operation maintenance and removal (circular) construction</b> , grid operations, ensuring they function reliably, safely, and in accordance with technical standards.	3	The electrical engineer <b>specifies operational parameters</b> for robotic and automated systems in circular construction and grid operations under technical standards.	The electrical engineer <b>supervises robotic and automated systems</b> to ensure functional reliability, safety, and compliance during grid operations and construction operation maintenance.	The electrical engineer <b>promotes safety and standard compliance</b> when overseeing robotics in circular construction and Smart Grid environments.
k) The electrical engineer, <b>configures and refines</b> automated systems for Smart Grid operations, aligning physical component behaviour with digital control protocols to maintain system stability and safety.	4	The electrical engineer <b>refines automated systems</b> to align physical component behaviour with digital control protocols in Smart Grid systems.	The electrical engineer <b>configures automated systems</b> to support stable and safe Smart Grid operations under real-time conditions.	The electrical engineer <b>promotes control strategies</b> to ensure stability and safety across automated Smart Grid components.
l) The electrical engineer <b>designs</b> integrated <b>Electric Energy systems</b> that combine software, hardware, and communication technologies to support decentralized energy resource (DER) control, <b>such as battery and PV systems</b> .	5	The electrical engineer <b>specifies integrated Electric Energy systems</b> that combine software, hardware, and communication technologies to support DER control under decentralised energy conditions.	The electrical engineer <b>designs Electric Energy systems</b> integrating DERs such as battery and PV systems through communication-enabled control architectures.	The electrical engineer <b>verifies the configuration</b> of integrated energy systems to support decentralised DER coordination and responsiveness.
m) The electrical engineer <b>manages</b> integrated <b>Electric Energy systems</b> to ensure they operate efficiently, and reliably supporting the coordination and performance of <b>decentralized energy resources</b> .	5	The electrical engineer <b>structures management strategies</b> for integrated Electric Energy systems that ensure efficient and reliable support of decentralised energy resource performance.	The electrical engineer <b>designs operational routines</b> to manage integrated Electric Energy systems under efficiency, reliability, and DER coordination constraints.	The electrical engineer <b>self-evaluates management practices</b> to improve system coordination and performance of decentralised energy resources.
n) The electrical engineer <b>verifies</b> information support decision architectures that enable dynamic, data-driven control of distributed Smart Grid components.	5	The electrical engineer <b>revises information support structures</b> that guide <b>decision architectures</b> for dynamic control of distributed Smart Grid components.	The electrical engineer <b>develops information pathways</b> to enable real-time, data-driven control decisions for distributed Smart Grid components.	The electrical engineer <b>verifies information support</b> to ensure accurate and dynamic control of distributed Smart Grid systems.
o) The electrical engineer <b>applies</b> interoperability and cybersecurity across integrated Smart Grid systems, safeguarding data flows, communication protocols, and device coordination.	2	The electrical engineer <b>assures interoperability and cybersecurity</b> across integrated Smart Grid systems by safeguarding data flows and protocols.	The electrical engineer <b>handles and validates device coordination</b> in Smart Grids by applying cybersecurity and interoperability safeguards.	The electrical engineer <b>respects communication protocols</b> and promotes secure interoperability practices across Smart Grid systems.

p) The electrical engineer <b>designs</b> complete Smart Grid systems, including control centres, smart meters, <b>metering</b> , and closed distribution systems, aligning with legal frameworks and energy optimization principles.	5	The electrical engineer <b>structures</b> complete Smart Grid systems under conditions requiring alignment with legal frameworks and energy optimization principles.	The electrical engineer <b>designs</b> Smart Grid control centres, smart meters, and distribution systems under scenarios involving full-system design requirements.	The electrical engineer <b>revises</b> design assumptions of Smart Grid systems under changing legal and optimization conditions with a thoughtful approach.
q) The electrical engineer <b>interprets and applies</b> evolving energy laws, data privacy rules, and distribution rights in the context of Smart Grids and closed distribution systems.	2	The electrical engineer <b>interprets</b> evolving energy laws, data privacy rules, and distribution rights relevant to Smart Grids and closed distribution systems.	The electrical engineer <b>complies</b> with energy laws and data privacy rules in the implementation of Smart Grid operations and distribution systems.	The electrical engineer <b>respects</b> regulatory frameworks governing energy laws and data privacy within Smart Grids and closed distribution systems.
r) The electrical engineer <b>handles</b> regulatory complexities associated with energy data usage and ensures compliance with national and international Smart Grid standards.	2	The electrical engineer <b>monitors regulatory frameworks</b> for energy data usage and Smart Grid standard compliance at national and international levels.	The electrical engineer <b>follows Smart Grid standards and updates</b> operational practices to handle complex regulatory compliance issues.	The electrical engineer <b>accepts responsibility</b> for regulatory compliance in energy data management and Smart Grid deployment.
s) The electrical engineer <b>validates</b> assumptions underlying Smart Grid design and operational decisions, and supports evidence-based improvements (if applicable).	4	The electrical engineer <b>validates design assumptions</b> that influence Smart Grid operational decisions using technical and contextual evidence.	The electrical engineer <b>assesses design inputs</b> to support evidence-based improvements in Smart Grid systems when conditions evolve.	The electrical engineer <b>proposes improvements</b> to Smart Grid operations by reflecting on validated assumptions and data insights.
t) The electrical engineer <b>applies</b> systems thinking to understand interdependencies between energy components, technologies, and human factors across Smart Grid infrastructure.	2	The electrical engineer <b>constructs an understanding of interdependencies</b> between energy technologies, components, and human factors using systems thinking.	The electrical engineer <b>employs systems thinking</b> to process interactions within Smart Grid infrastructure.	The electrical engineer <b>shares systems-level insights</b> to enhance collaboration across interdependent Smart Grid components.
u) The electrical engineer <b>oversees</b> a strategic, big-picture perspective of Smart Grid operations, aligning technical work with societal and environmental goals for sustainability and resilience.	4	The electrical engineer <b>oversees operational strategies</b> that align Smart Grid performance with sustainability and resilience goals.	The electrical engineer <b>leads and updates operational procedures</b> to reflect broader strategic objectives for sustainable and resilient Smart Grid development.	The electrical engineer <b>formulates sustainable goals</b> and aligns technical contributions with societal and environmental impacts.
v) The electrical engineer <b>collaborates</b> across disciplines—including IT, AI, legal, and mechanical engineering—to co-develop integrated and innovative Smart Grid solutions.	4	The electrical engineer <b>elaborates interdisciplinary principles</b> needed to co-develop integrated Smart Grid solutions with IT, AI, legal, and mechanical experts.	The electrical engineer <b>leads co-development efforts</b> across disciplines to build innovative Smart Grid systems and components.	The electrical engineer <b>collaborates with professionals</b> from diverse domains to ensure system integration and innovation in Smart Grid projects.
w) The electrical engineer <b>translates and explains</b> technical knowledge into accessible insights for stakeholders, facilitating shared understanding and collaborative decision-making in multidisciplinary teams.	4	The electrical engineer <b>summarizes technical knowledge</b> for use in stakeholder communication and cross-disciplinary understanding.	The electrical engineer <b>ensures translation of system insights</b> into accessible language for collaborative decision-making among stakeholders.	The electrical engineer <b>explains system insights</b> in a clear and inclusive manner to facilitate collaboration and joint action.
X) The electrical engineer <b>demonstrates</b> strong stakeholder engagement skills, clearly communicating system states, risks, and operational options to regulators, consumers, and utility partners.	3	The electrical engineer <b>identifies communication strategies</b> for conveying system states, risks, and operational options to Smart Grid stakeholders.	The electrical engineer <b>communicates system information</b> effectively to regulators, consumers, and utility partners under various operational conditions.	The electrical engineer <b>shares system states and risks</b> in a transparent and timely manner to build trust and engagement among stakeholders.

Occupation:		EQF Level:	ULOS (Units of Learning Outcomes)			
<b>Electrical engineering technician</b>		<b>4</b>	Tasks and responsibilities:	Knowledge	Skills	Attitude
Tasks and responsibilities:		Level of competence:	Knowledge	Skills	Attitude	
a)The electrical engineering technician <b>provides technical assistance</b> in research on and development of electrical equipment and facilities or tests prototypes	1	The electrical engineering technician <b>describes electrical equipment and facilities</b> in the context of research and development activities.	The electrical engineering technician <b>identifies electrical equipment and prototypes</b> when supporting testing activities.	The electrical engineering technician <b>follows procedures</b> during prototype testing or equipment development.		
b)The electrical engineering technician <b>prepares detailed estimates of quantities and costs of materials</b> and labour required for manufacture and installation, according to the specifications given	3	The electrical engineering technician <b>calculates material, labour quantities and costs</b> based on manufacturing and installation specifications.	The electrical engineering technician <b>specifies detailed cost and quantity data</b> to support estimation processes for manufacture and installation tasks following engineering specifications.	The electrical engineering technician <b>completes cost estimations</b> in alignment with technical specifications and procedural expectations.		
c)The electrical engineering technician <b>plans installation methods, checks completed installations</b> for safety and controls, or undertakes the initial running of new electrical equipment or systems	5	The electrical engineering technician <b>plans installation methods and safety checks</b> for new electrical equipment and systems before commissioning.	The electrical engineering technician <b>designs system start-up routines</b> to support the initial running of electrical installations after safety and control checks.	The electrical engineering technician <b>verifies safety and control compliance</b> before initiating the operation of newly installed equipment.		
d)The electrical engineering technician <b>assembles, installs, tests, calibrates, modifies, and repairs electrical equipment</b> and installations to conform with regulations and safety requirements	3	The electrical engineering technician <b>specifies functional requirements of electrical equipment and installations</b> to ensure regulatory and safety compliance.	The electrical engineering technician <b>calibrates and installs electrical equipment</b> to meet applicable safety protocols and regulations.	The electrical engineering technician <b>demonstrates responsibility</b> in applying safety measures during electrical equipment work.		
f) The technician <b>assists the implementation of automation for repetitive or rule-based tasks-for grid calculations, monitoring, and diagnostics-</b> by following configurations defined by electrical engineers.	2	The technician <b>prepares</b> systems for automation of repetitive or rule-based tasks for grid calculations, monitoring, and diagnostics under engineer guidance.	The technician <b>follows</b> predefined configurations to assist in the implementation of automation for grid calculations, monitoring, and diagnostics.	The technician <b>assists</b> engineers by reliably applying automation instructions with attention, accuracy and procedural integrity.		
g) The technician <b>identifies and prepares</b> datasets from sensors and equipment logs to support automation-based predictive maintenance and anomaly detection systems.	2	The technician <b>identifies</b> relevant datasets from sensors and equipment logs <b>to support</b> automated-based predictive maintenance and anomaly detection systems.	The technician <b>processes</b> datasets from sensors and equipment logs <b>to prepare</b> automated-based predictive maintenance and anomaly detection systems.	The technician <b>proactively applies</b> datasets from sensors and equipment logs <b>to support</b> automation-based predictive maintenance and anomaly detection.		
h) The technician <b>configures and tests</b> automation-enabled tools for field diagnostics, ensuring proper data inputs and functionalities per engineering instructions.	4	The technician <b>explains</b> automation-enabled tools for field diagnostics, to ensure proper data inputs and functionalities according to engineering instructions.	The technician <b>configures and tests</b> automation-enabled tools for field diagnostics, ensuring proper data inputs and functionalities according to engineering instructions.	The technician <b>effectively completes</b> configuration and testing of automation-enabled tools for field diagnostics according to engineering instructions.		
i) The technician <b>collects, organizes, and checks energy data from Smart Grid sensors</b> and devices to support analytical model development by engineers.	2	The technician <b>collects and organises energy data</b> from Smart Grid sensors and devices to support analytical model development.	The technician <b>runs energy data checks</b> from Smart Grid sensors and devices to verify usability in analytical models.	The technician <b>proactively reports</b> data inconsistencies found during energy data checks from Smart Grid sensors and devices to engineers.		
j) The technician <b>applies pre-defined analytical dashboards and tools to monitor</b> energy flow indicators and report anomalies or inefficiencies to engineers.	2	The technician <b>applies pre-defined analytical dashboards and tools</b> to monitor energy flows and report anomalies to engineers.	The technician <b>monitors</b> energy flow indicators <b>using pre-defined analytical dashboards</b> and tools to identify anomalies or inefficiencies to engineers.	The technician <b>reports</b> detected anomalies or inefficiencies through analytical dashboards to engineers in a timely and reliable manner.		

k) The technician <b>supports</b> data visualization efforts by preparing graphical summaries and performance charts for review in operational meetings.	4	The technician <b>summarizes performance data</b> to prepare graphical summaries and charts for use in operational meetings.	The technician <b>elaborates graphical summaries and performance charts</b> by explaining them to ensure clarity and accuracy in operational contexts.	The technician <b>supports engineers and decision-makers</b> by contributing accurate and well-prepared visualisations in a timely and collaborative manner.
l) The technician <b>performs</b> test runs and routine inspections of robotic systems used in grid maintenance to verify adherence to safety and functional standards.	2	The technician <b>identifies</b> safety and functional standards that apply to robotic systems to verify compliance with <b>operational and safety standards</b> .	The technician <b>executes test runs and routine inspections</b> of robotic systems to verify compliance with operational and safety standards.	The technician <b>reports</b> deviations or faults found during inspections of robotic systems in a timely and responsible manner.
m) The technician <b>adjusts</b> operational parameters of automated systems (e.g., sensor thresholds, actuator responses) based on test data and engineer recommendations.	3	The technician <b>distinguish operational parameters</b> of automated systems to understand their influence on system performance.	The technician <b>adjusts operational parameters</b> such as sensor thresholds and actuator responses based on test data and engineer recommendations.	The technician <b>follows</b> engineer recommendations to <b>effectively modify operational parameters of automated systems</b> .
n) The technician <b>documents</b> performance issues or irregularities in robotic maintenance tools and communicates findings to engineering teams for resolution.	1	The technician <b>identifies</b> common <b>performance issues and/or irregularities</b> in robotic maintenance tools during operational conditions.	The technician <b>documents observed irregularities</b> in robotic maintenance tools for communication with engineering teams.	The technician <b>relates performance irregularities</b> to engineering teams in a clear and proactive manner to support issue resolution.
o) The technician <b>supports</b> the installation and assembly of integrated Smart Grid components (e.g., sensors, controllers, communication modules) according to design drawings.	4	The technician <b>oversees the function and interconnection of Smart Grid components</b> based on design drawings.	The technician <b>ensures proper installation and assembly of Smart Grid components</b> in accordance with technical documentation.	The technician <b>supports</b> installation and assembly of Smart Grids <b>with careful adherence to design requirements</b> .
p) The technician <b>ensures</b> proper wiring and connection of Smart Grid devices in alignment with information architecture specifications and electrical diagrams.	4	The technician <b>identifies wiring requirements and connection standards</b> as specified in electrical and information architecture diagrams.	The technician <b>configures proper wiring and connection</b> of Smart Grid devices according to electrical and architecture diagrams.	The technician <b>ensures wiring quality</b> by following technical standards and with diligence and responsibility.
q) The technician <b>assists in testing system interoperability</b> and <b>documents</b> any data or signal transmission issues across connected devices.	2	The technician <b>reports</b> data or signal transmission issues during testing <b>system interoperability</b> across connected devices.	The technician <b>tests system interoperability</b> across connected devices.	The technician <b>handles communication irregularities</b> by supporting testing system interoperability with diligence and timely documentation.
r) The technician <b>builds and tests production prototypes of Smart Grid devices</b> (e.g., smart meters, modular control units) under engineering supervision.	3	The technician <b>specifies</b> functional requirements of <b>Smart Grid device prototypes</b> based on design plans and test objectives.	The technician <b>builds and tests production prototypes of Smart Grid devices</b> such as smart meters or modular control units, under engineering supervision.	The technician <b>undertake and completes prototype development tasks</b> in collaboration with engineers and project teams.
s) The technician <b>assists in aligning physical components with digital design specifications</b> using assembly drawings and standard blueprints.	2	The technician <b>reads assembly drawings and blueprints</b> to find the alignment requirements between physical and digital components.	The technician <b>assembles physical components</b> to match digital design specifications by using assembly drawings and standard blueprints.	The technician <b>complies</b> with alignment standards by <b>assisting carefully in matching components</b> to design expectations.
t) The technician <b>ensures</b> Smart Grid equipment is <b>assembled in compliance</b> with energy optimization protocols and legal standards.	4	The technician <b>explains energy optimization protocols and legal requirements</b> related to Smart Grid equipment assembly.	The technician <b>ensures assembly of Smart Grid equipment</b> in line with compliance energy optimization protocols and legal standards.	The technician <b>ensures adherence to protocols and standards</b> by checking compliance and taking corrective action when needed.
u) The technician <b>ensures</b> that all materials and components used in Smart Grid systems comply with banned materials regulations and safety standards.	4	The technician <b>identifies</b> banned materials and restricted components based on safety regulations and materials lists.	The technician <b>evaluates materials and components</b> to verify compliance with Smart Grid safety and legal standards.	The technician <b>protects Smart Grid system integrity</b> by ensuring use of approved and compliant materials at all stages of installation.

v) The technician <b>assists</b> in preparing compliance documentation for inspection and audits related to energy laws and data privacy requirements.	2	The technician <b>prepares</b> compliance documentation for audits related to energy laws and data privacy.	The technician <b>assists inspections and audits</b> related to energy laws and data privacy.	The technician <b>presents</b> documentation in alignment with audits and compliance expectations to meet legal requirements.
w) The technician <b>identifies</b> any observed non-compliant practices or equipment irregularities to engineering and compliance officers.	3	The technician <b>examines</b> non-compliant practices and equipment irregularities to ensure alignment with regulatory requirements.	The technician <b>diagnoses</b> equipment irregularities and report them to engineering and compliance officers.	The technician actively <b>reports</b> observed non-compliant practices to engineering and compliance officers.
x) The technician <b>documents</b> technical assumptions or field observations during prototype testing that may impact system-wide performance.	1	The technician <b>documents technical assumptions</b> or field observations during prototype testing procedures.	The technician <b>differentiates field observations</b> that may impact system-wide performance during prototype testing.	The technician <b>identifies the importance of documenting assumptions and observations</b> in the context of system-wide performance assessment.
y) The technician <b>identifies</b> component interdependencies (e.g., voltage ripple across devices, communication lags) that may affect operational stability.	3	The technician <b>analyses</b> component interdependencies such as voltage ripple and communication lags that impact operational stability.	The technician <b>conducts</b> evaluations of component interdependencies to assess effects on operational stability.	The technician <b>explains</b> the impact of interdependencies on operational stability to support informed decision-making.
z) The technician <b>supports</b> efforts to align Smart Grid functionality with energy sustainability goals by reporting efficiency trends and waste points.	4	The technician <b>explains</b> energy sustainability goals as they relate to Smart Grid efficiency trends and operational waste.	The technician <b>summarizes</b> efficiency data and observed waste points to support sustainable Smart Grid functions.	The technician <b>supports</b> sustainability efforts by consistently reporting trends that impact energy performance in a responsible manner.
aa) The technician <b>collaborates</b> with IT teams by supplying system measurements and hardware feedback relevant for software calibration.	4	The technician <b>describes</b> the role of system measurements and hardware feedback in Smart Grid software calibration processes.	The technician <b>provides</b> relevant feedback and data to IT teams for use in Smart Grid system tuning and calibration.	The technician <b>collaborates with technical teams</b> by offering timely and accurate feedback to support interdisciplinary coordination.
ab) The technician <b>prepares simplified summaries of complex technical issues</b> to assist cross-functional teams and stakeholders in understanding operational risks.	3	The technician <b>analyses and selects relevant complex technical issues</b> to include in simplified summaries for stakeholder use.	The technician <b>prepares and shares</b> clear summaries of relevant complex technical issues to support understanding of operational risks among cross-functional teams and stakeholders.	The technician clearly <b>communicates complex technical issues</b> to support cross-functional teams and stakeholders.
ac) The technician <b>participates</b> in stakeholder meetings to present test findings and clarify the technical implications of Smart Grid performance data.	3	The technician <b>reflects on test findings to clarify its technical implications</b> of Smart Grid performance during stakeholder meetings.	The technician <b>presents test findings and explains implications</b> of Smart Grid performance data, during stakeholder meetings.	The technician <b>actively take part</b> in discussions to clarify test results and Smart Grid performance data.